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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note Verbale dated 7 March 2018 from the Permanent Mission of Denmark to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Denmark to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information concerning space objects Ulloriaq and GOMX-4B, launched into orbit on 2 February 2018 at 0751 hours, 0 seconds UTC (see annex).

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Annex

Registration data on space objects launched by Denmark*

Ulloriaq

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2018-015F
Name of space object	Ulloriaq
National designator/registration number	2018-DK-01
State of registry	Denmark
Other launching States	China
Date and territory or location of launch	2 February 2018 at 0751 hours 0 seconds UTC Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.5 minutes
Inclination	97.3 degrees
Apogee	515.8 kilometres
Perigee	489.0 kilometres
General functions of space object	Ulloriaq is a 6U satellite working in a tandem operation with another 6U satellite, GOMX-4B. Ulloriaq is equipped with an Automatic Identification System (AIS) payload, Automatic Dependent Surveillance-Broadcast (ADS-B) payload, an X-band receiver and a visual camera. The Ulloriaq demonstration is part of an analysis seeking to identify best practices and future efforts to reinforce the Danish Defence's surveillance of the Arctic within Denmark.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Website	www.gomspace.com
Space object owner or operator	GomSpace A/S, Langagervej 6, 9220 Aalborg East, Denmark
Launch vehicle	Long March 2D
Other information	Estimated date of deorbit: in 2031

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

GOMX-4B

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2018-015E
Name of space object	GOMX-4B
National designator/registration number	2018-DK-02
State of registry	Denmark
Other launching States	China
Date and territory or location of launch	2 February 2018 at 0751 hours 0 seconds UTC Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.5 minutes
Inclination	97.3 degrees
Apogee	515.3 kilometres
Perigee	488.9 kilometres
General functions of space object	GOMX-4B is a 6U satellite working in a tandem operation with another 6U satellite, Ulloriaq. GOMX-4B is equipped with an Automatic Dependent Surveillance-Broadcast (ADS-B) payload, a star-tracker, a propulsion module, a radiation hardness assurance (RHA) board and a hyperspectral camera. The purpose of the tandem operation is to demonstrate inter-satellite linking and station-keeping capabilities (satellite separation and orbit control) through GOMX-4B's propulsion system.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Website	www.gomspace.com
Space object owner or operator	GomSpace A/S, Langagervej 6, 9220 Aalborg East, Denmark
Launch vehicle	Long March 2D
Other information	Estimated date of deorbit: in 2031